WHAT IS CLAIMED IS:

1. A sealed rolling bearing comprising an outer member (1; 30) formed on its inner circumferential surface with outer raceway surface (8; 29); an inner member (4, 5; 32) formed on its outer circumferential surface with inner raceway surface (9a, 9b; 31) arranged oppositely to the outer raceway surface (8; 29); rolling elements (10; 34) contained freely rollably between the outer and inner raceway surfaces; and sealing devices (12, 13; 35) arranged in an annular space formed between the outer and inner members (1; 30 and 4,5; 32) characterized in that:

each of the sealing devices (12, 13; 35) has sealing lips (27a～27c, 23～25; 37a, 37b) of elastic member; that the maximum height Ry or Rmax of the surface roughness of a sliding surface of a member of rotational side (18, 4; 32) to which the sealing lips (27a～27c, 23～25; 37a, 37b) sliding contact is limited to a value at 2.0 μ m or less, and that the run-out of the sliding surface normal thereto is limited to a value at 30 μ m or less.

2. A sealed rolling bearing of claim 1 wherein the sealing device (12) comprises a sealing ring (17 or 15, 16) mounted on a member (1) of stationary side and a slinger (18) mounted on a member (5) of rotational side, and wherein the sealing lips (23～25) forming the sealing ring (17 or 15, 16) are sliding contacted to the slinger (18).

3. A sealed rolling bearing of claim 1 wherein the sealing device (13) comprises a sealing ring (26, 27) mounted on a member of stationary side and including side lips (27a, 27b) and a radial lip (27c), and wherein the sealing lips (27a～27c) are directly sliding contacted to the member of rotational side.

4. A sealed rolling bearing of claim 1 wherein the sealing device comprises a sealing ring (35) mounted on a member of stationary side (30) and including a main lip (37a) and a sub lip (37b), wherein the main lip (37a) is directly sliding contacted to a sealing groove (38) formed on a member of

rotational side (32) and having a substantially U-shaped cross-section, and wherein the sub lip (37a) is sliding contacted to a ridge (40) of the sealing groove (38) via a small interference.

5. A sealed rolling bearing of any one of claims 1～4 wherein the maximum height Ry or Rmax of the surface roughness of the sliding surface is limited to a value at 1.2 μ m or less, and the run-out of the sliding surface normal thereto is limited to a value at 10 μ m or less.